

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <p>Based on Form PTO-1449 (3/00)</p> <p style="text-align: center;">OTPE JAN 09 2007 U.S. PATENT AND TRADEMARK OFFICE</p> <p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> | | | ATTY. DOCKET NO. 930086-2014 | SERIAL NO. 10/550,301 |
| | | | APPLICANT LEE, et al. | |
| | | | FILING DATE September 22, 2005 | GROUP Not Yet Assigned |
| OTHER REFERENCES (Including Author, Title, Journal Year, Vol.(#); Section: Pgs) | | | | |
| /BK/ | | AA | Agarwal, et al.; Tight-Binding Inhibitors - IV. Inhibition of Adenosine Deaminases by Various Inhibitors"; Biochem Pharmacol. 1977 Mar 1; 26(5): 359-67 | |
| | | AB | Aldrich, et al.; "The importance of Adenosine Deaminase for Lymphocyte Development and Function"; Biochem Biophys Res Commun. 2000 Jun 7; 272(2):311-5 | |
| | | AC | Bielat, et al.; "ECTO-enzyme activity of human erythrocyte adenosine deaminase"; Mol Cell Biochem. 1989 Apr 11;86(2):135-42 | |
| | | AD | Borrotto-Esoda, et al.; "In vitro Combination of Amdoxovir and the Inosine Monophosphate Dehydrogenase Inhibitors Mycophenolic Acid and Ribavirin Demonstrates Potent Activity against Wild-Type and Drug-Resistant Variants of Human Immunodeficiency Virus Type 1"; Antimicrob Agents Chemother. 2004 Nov; 48(11): 4387-94 | |
| | | AE | Ciruela, et al.; "Adenosine deaminase affects ligand-induced signaling by interacting with cell surface adenosine receptors"; FEBS Lett. 1996 Feb 19; 380(3): 219-23 | |
| | | AF | Cristalli, et al.; "Adenosine Deaminase Functional Implication and Different Classes of Inhibitors"; Med Res Rev. 2001 Mar; 21(2): 105-28 | |
| | | AG | Daddona, Peter E.; "Human Adenosine Deaminase: Properties and Turnover in Cultured T and B Lymphoblasts"; J Biol Chem. 1981 Dec 10; 256(23): 12496-501 | |
| | | AH | Daluge, et al.; "1592U89, a Novel Carbocyclic Nucleoside Analog with Potent, Selective Anti-Human Immunodeficiency Virus Activity"; Antimicrob Agents Chemother 1997 May; 41(5): 1082-93 | |
| | | AI | Dolezlova, et al.; "The emerging role of adenosine deaminases in insect"; Insect Biochem Mol. biol. 2005 May; 35(5):381-9 | |
| | | AJ | Fernandez, et al.; "Adenosine Deaminase Isoenzymes and Neopterin in Liver Cirrhosis"; J Clin Gastroenterol. 2000 Mar; 30(2): 181-6 | |
| | | AK | Franco, et al.; Enzymatic and extra enzymatic role of ecto-adenosine deaminase in lymphocytes"; Immunol Rev. 1998 Feb; 161: 27-42 | |
| | | AL | Giblett, et al.; "Adenosine-Deaminase deficiency in two patients with severely impaired cellular immunity"; Lancet. 1972 Nov 18; 2(7786): 1067-9 | |
| | | AM | Grant, et al.; "Dialdehydes derived from Adenine Nucleosides as Substrates and Inhibitors of Adenosine Aminohydrolase"; | |
| | | AN | Guan, et al.; "Spiro pentane Mimics of Nucleosides: Analogues of 2'-Deoxyadenosine and 2'-Deoxyguanosine. Synthesis of All Stereoisomer, Isomeric Assignment, and Biological Activity" | |
| | | AP | Hirschhorn, et al.; "Adenosine Deaminase Activity in Normal Tissues and Tissues from a child with severe Combined Immunodeficiency and Adenosine Deaminase Deficiency"; Clin Immunol Immunopathol. 1978 Mar; 993: 287-92 | |
| | | AQ | Hirschhorn, Rochelle; "Overview of Biochemical Abnormalities and Molecular Genetics of Adenosine Deaminase Deficiency"; Pediatr Res. 1993 Jan; 33 (1 Suppl): S35-41 | |
| | | AR | Ho, et al.; "Enzyme Activities of Leukemic Cells and Biochemical Changes Induced by Deoxycoformycin In Vitro- Lack of correlation with clinical Response"; Leuk Res. 1989; 13(4): 269-78 | |
| | | AS | Kelly, et al.; "Primary structure of bovine adenosine deaminase"; (Abstract) J Pharm Biomed Anal. 1996 Aug; 14(11):1513-9 | |
| | | AT | Kelly, et al.; "Primary structure of bovine adenosine deaminase"; J Pharm Biomed Anal. 1996 Aug; 14(11):1513-9 | |
| EXAMINER /Bruck Kifle/ (10/18/2007) | | | DATE CONSIDERED 10/18/2007 | |
| <p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | | |

| | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Based on Form PTO-1449 (3/90) | | | ATTY. DOCKET NO. 930086-2014 | SERIAL NO. 10/550,301 |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | | APPLICANT LEE, et al. | |
| | | | FILING DATE September 22, 2005 | GROUP Not Yet Assigned |
| OTHER REFERENCES (Including Author, Title, Journal Year; Vol. #); Section: Pgs) | | | | |
| /BK/ | | AV | Kodama, et al.; "Antileukemic Activity and Mechanism of Action of Cordycepin against Terminal Deoxynucleotidyl Transferase-Positive (TdT+) Leukemic Cells"; Biochem Pharmacol. 2000 Feb 1; 59(3): 273-81 | |
| | | AW | Lerner, et al.; "Inhibition of Adenosine Deaminase by Alcohols Derived from Adenine Nucleosides"; biochemistry. 1972 Jul 18; 11(15):2772-7 | |
| | | AX | Mills, et al.; "Purine metabolism in adenosine deaminase deficiency"; Proc Natl Acad Sci U S A. 1976 Aug; 73(8): 2867(71) | |
| | | AY | Mitchell, et al.; "Inhibition of Adensine Deaminase Activity Results in Cytotoxicity to T Lymphoblasts In Vivo"; Blook. 1980 Sep; 56(3) 556-9 | |
| | | AZ | Pragnacharvulu, et al.; "Adenosine Deaminase Inhibitors: Synthesis and Biological Evaluations of Unsaturated., Aromatic, and Oxo Derivatives of (+)-erythro-9-(2'S-Hydroxy-3' R-nonyl) adenine [(+)] -EHNA]; Biochem Biophys Res Commun. 2000 Jun 7; 272(2):311-5 | |
| | | AB | Sawynok, et al.; "Peripheral Antinociceptive effect of an adensine kinase inhibitor, with augmentation by an adenosine deaminase inhibitor, in the rat formalin test"; Pain. 1998 Jan; 74(1):75-81 | |
| | | AC | Shi, et al.; "Diverse Genetic Regulatory Motifs Required for Murine Adenosine Deaminase Gene Expression in the Placenta"; J Biol Chem. 1997 Jan 24; 272(4):2334-41 | |
| | | AD | Tanaka, et al.; "Potentiation of Cytotoxicity and Antitumor Activity of Adenosine Analogs by the Adenosine Deaminase Inhibitor Adecyepenol"; J Antibiot (Tokyo). 1989 Nov; 42(11):1722-4 | |
| | | AE | Tritsch, George L.; "Validity of the Continuous Spectrophotometric Assay of Kalckar for Adenosine Deaminase Activity"; Anal Biochem. 1983 Feb 15; 129(1): 207-9 | |
| V | | AF | TuNac, et al.; "2' Chloropentostatin: Discovery, Fermentation and biological Activity"; J Antibiot (Tokyo). 1985 Oct; 38(10): 1344-9 | |
| | | AG | Vellard, Michael; "The enzyme as drug: application of enzymes as pharmaceuticals"; Curr Opin Biotechnol. 2003 Aug; 14(4): 444-50 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| EXAMINER /Bruck Kifle/ (10/18/2007) | | | DATE CONSIDERED 10/18/2007 | |
| * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | |

| | | |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------|
| <p>Based on Form PTO-1449 (3/90)</p> <p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p> | ATTY. DOCKET NO. 930086-2014 | SERIAL NO. 10/550,301 |
| | APPLICANT | LEE, et al. |
| | FILING DATE September 22, 2005 | GROUP TO BE ASSIGNED |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|----------|-----------------|-------|----------|----------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| /BK/ | AH | 4,935,505 | 06/19/89 | Townsend et al. | 536 | 24 | |
| /BK/ | AI | 5,705,491 | 01/06/98 | Yamada | 514 | 46 | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|-----------------|----------|---------|-------|----------|-------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | | YES NO |
| /BK/ | AJ | EP 156524 A2 | 10/02/85 | Europe | | | X |
| /BK/ | AL | WO 00/56734 A1 | 09/28/00 | WIPO | | | X |
| /BK/ | AM | WO 00/55155 A2 | 09/21/00 | WIPO | | | X |
| | AN | | | | | | |
| | AO | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AQ | | |
| AR | | |
| AS | | |
| AT | | |
| AU | | |
| AV | | |
| AX | | |
| AY | | |
| AZ | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| EXAMINER | DATE CONSIDERED |
|----------------------------|-----------------|
| /Bruck Kifle/ (10/18/2007) | 10/18/2007 |

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | | |
|----------------------------------------------------------------------------|--|---------------------------------------|------------------------------------------------|
| Based on Form PTO-1449 (3/90) | | ATTY. DOCKET NO. 930086-2014 | SERIAL NO. 1550301 TO BE ASSIGNED |
| LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) | | APPLICANT Gwang LEE, et al. | 10/550,301 |
| | | FILING DATE CONCURRENT | GROUP TO BE ASSIGNED |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|----------|------|-------|----------|----------------------------|
| /BK/ | AA | 4,935,505 | 06/19/89 | | | | |
| /BK/ | AB | 5,705,491 | 01/06/98 | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|------|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| /BK/ | AL | EP 156524 A2 | 10/02/85 | Europe | | | | |
| /BK/ | AM | WO 00/56734 A1 | 09/28/00 | WIPO | | | | |
| /BK/ | AN | WO 00/55155 A2 | 09/21/00 | WIPO | | | | |
| | AO | | | | | | | |
| | AP | | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|--|--|
| AQ | | |
| AR | | |
| AS | | |
| AT | | |
| AU | | |
| AV | | |

| EXAMINER | DATE CONSIDERED |
|----------------------------|-----------------|
| /Bruck Kifle/ (10/18/2007) | 10/18/2007 |

• EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

00311591

Express Mail No. EV141992555US